Section 1 – Identification of the Material and Supplier

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Chemical Nature:	Single Component MS Polymer Adhesive and Sealant
Trade Name:	SiegelBond M40
Product Use:	Adhesive & Sealant
Creation Date:	February 2026
This version was issued:	February 2026 and is valid for 5 years from this date
Poisons Information Centre:	Call 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture
Non-Hazardous Chemical according to Australian GHS criteria. Non-Dangerous Goods to the ADG Code.
Not a hazardous substance or mixture.

2.2 Label elements
No labelling according to GHS required.

2.3 Other hazards
The product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.
Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 3 – Composition & Information on Ingredients

3.1 Substances
not applicable

3.2 Mixtures

3.3 Chemical characteristics
silane-terminated polyether + filler + auxiliary

Type	CAS No.	Substance	Content %
INHA	2768-02-7	trimethoxyvinylsilane	≥1 – <3
INHA	13822-56-5	3-Trimethoxysilyl) propylamine	≥1 – <2

Type: INHA: ingredient, VERU: impurity
This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

Section 4 – First Aid Measures

4.1 Description of first aid measures

General information:
Take persons to a safe place. Observe self-protection for first aid.
After contact with the eyes:
Rinse immediately with plenty of water for 10-15 minutes. Seek medical advice in case of continuous irritation.

After contact with the skin:
Remove contaminated or soaked clothing. Immediately rinse with plenty of soap and water. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

After inhalation:
Keep the patient calm. If unconscious place in stable sideways position. If breathing stops, administer artificial respiration. Protect against loss of body heat. Seek medical advice immediately and clearly identify substance.

After swallowing:
If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice immediately and clearly identify substance.

4.2 Most important symptoms and effects, both acute and delayed
Any relevant information can be found in other parts of this section.

4.3 Advice for the doctor:
Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure. Further toxicology information in section 11 must be observed.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media:
alcohol-resistant foam, carbon dioxide, water mist, sprinkler system, sand, extinguishing powder.
Extinguishing media which must not be used for safety reasons:
water jet.

5.2 Special hazards arising from the substance or mixture
Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes.

5.3 Advice for firefighters
Special protective equipment for firefighting:
Use respiratory protection independent of recirculated air. Keep unprotected persons away.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions
Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3 Methods and material for containment and cleaning up
Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

Further information:
Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

6.4 Reference to other sections
Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

Section 7 – Handling and Storage

7.1 Precautions for safe handling:
Ensure adequate ventilation. Must be syphoned off in situ. Keep away from incompatible substances in accordance with section 10. Observe information in section 8.

Precautions against fire and explosion:
Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

7.2 Conditions for safe storage, including any incompatibilities
Conditions for storage rooms and vessels:
Observe local/state/federal regulations.

Advice for storage of incompatible materials:
Observe local/state/federal regulations.

Further information for storage:
Store in a dry and cool place. Protect against moisture. Store container in a well-ventilated place.

7.3 Specific end use(s)
No data available.

7.4 Regulations and standards (Australia):
Store and handle in accordance with Work Health & Safety Regulations or Occupational Health & Safety Regulations.

Section 8 – Exposure Controls and Personal Protection

8.1 Control parameters
Maximum airborne concentrations at the workplace:

Substance	Type	mg/m3	ppm	Dust fract.	Fibre/m3
Methanol	ES_AU	262.0	200.0		

8.2 Exposure controls

8.2.1 Exposure in the workplace limited and controlled
General protection and hygiene measures:
Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols. Use with adequate ventilation. Avoid contact with eyes and skin. Preventive skin protection is recommended. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Provide emergency shower and eye-bath. Do not eat, drink or smoke when handling. Keep away from foodstuff, drink and feeding stuff.
Further information for system design and engineering measures
Observe information in section 7. Observe national regulatory requirements.

Personal protection equipment:
Respiratory protection
If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.
Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387
Observe the equipment manufacturer's information and wear time limits for respirators.

Eye protection
protective goggles, according to acknowledged standards such as EN 166.

Hand protection
Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.
Recommended glove types: Protective gloves made of butyl rubber
thickness of the material: > 0.3 mm
Breakthrough time: > 480 min
Recommended glove types: Protective gloves made of nitrile rubber
thickness of the material: > 0.4 mm
Breakthrough time: 10 - 30 min
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Skin protection
protective clothing, according to acknowledged standards such as EN 13034.

8.2.2 Exposure to the environment limited and controlled
Prevent material from entering surface waters, drains or sewers and soil.

8.2.3 Specific notes (Australia):
Select and use respirators in accordance with AS1715/1716.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
Appearance		
Physical state	Liquid	
Form	Paste	
Colour	Black	
Odour		
Odour	Characteristic	
Odour limit		
Odour limit	No data available	
pH-Value		
pH-Value	Not applicable. Reacts with water.	
Melting point/freezing point		
Melting point / melting range	Not applicable	
Initial boiling point and boiling range		
Boiling point / boiling range	Not applicable	
Flash point		
Flash point	> 200 °C	(ISO 2592)
Evaporation rate		
Evaporation rate	No data available	
Upper/lower flammability or explosive limits		
Lower explosion limit (LEL)	Not determined	
Upper explosion limit (UEL)	No data available	
Vapour pressure		
Vapour pressure	Not determined	
Solubility(ies)		
Water solubility / miscibility	Not applicable. Reacts with water.	
Vapour density		
Relative gas/vapour density	No data available	
Relative Density		
Relative Density	1.4	(Water / 4 °C = 1,00)
Density	1.4 g/cm³	
Partition coefficient: n-octanol/water		
Partition coefficient: n-octanol/water	Not applicable	

Auto-ignition temperature
Ignition temperature .....: Not determined.

Decomposition temperature
Thermal decomposition .....: No data available
Viscosity
Viscosity (dynamic) .....: 48000 mPa.s at 23 °C
Viscosity (kinematic) .....: No data available

Oxidizing properties
Oxidizing properties .....: No

Molecular mass
Molecular mass .....: Not applicable

9.2 Other information
Hydrolysis products reduce the flash point. Explosion limits for released methanol: 5.5 - 44%(V).

Section 10 – Stability and Reactivity

10.1 Reactivity; Chemical stability; Possibility of hazardous reactions
If stored and handled in accordance with standard industrial practices no hazardous reactions are known.Relevant information can possibly be found in other parts of this section.

10.2 Conditions to avoid
Moisture, heat, open flames, and other sources of ignition.

10.3 Incompatible materials
Reacts with water, basic substances and acids. The reaction takes place with the formation of methanol.

10.4 Hazardous decomposition products
Methanol by hydrolysis. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Section 11 – Toxicological Information

11.1 Information on toxicological effects
General information
Data derived for the product as a whole are of higher priority than data for single ingredients.

11.2 Acute toxicity
Product details:

Exposure routes	Result/Effect
Oral	LD50 > 2000 mg/kg Species: Rat, Source: Conclusion by analogy
dermal	LD50 > 2000 mg/kg Species: Rat, Source: Conclusion by analogy

11.3 Skin corrosion/irritation
Assessment:
Based on the available data a clinically relevant skin irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

Product details:
No skin irritation
(Species: Rabbit, Source: Conclusion by analogy)

11.4 Serious eye damage/eye irritation
Assessment:
Based on the available data a clinically relevant eye irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

Product details:
No eye irritation
(Species: Rabbit, Source: Conclusion by analogy)

11.5 Respiratory or skin sensitisation
Product details:

Exposure routes	Result
Skin contact	Does not cause skin sensitisation. (Species: Guinea pig, Test system: Buehler Test, Method: OECD 406, Source: Conclusion by analogy)
Inhalation	No data available.

11.6 Germ cell mutagenicity
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.7 Carcinogenicity
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.8 Reproductive toxicity
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.9 Specific target organ toxicity - single exposure
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.10 Specific target organ toxicity - repeated exposure
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.11 Aspiration hazard
Assessment:
Based on the physical-chemical properties of the product no aspiration hazard must be expected.

11.12 Information on other hazards
Endocrine disrupting properties
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.13 Further toxicological information
None known.

Data on substances:
Product of hydrolysis (Methanol):
Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

Section 12 – Ecological Information

12.1 Toxicity

Assessment:
Assessment based on ecotoxicological tests with similar products under consideration of the physical-chemical properties: For this product no effects on aquatic organisms, relevant for classification, are expected. According to current knowledge adverse effects on water purification plants are not expected.

Product details:

Result/Effect	Species/Test system	Source
LC50: > 100 mg/l The assessment is made under consideration of relevant data on ingredients. The value refers to the water-accommodated fraction (WAF).	static test Fish (96 h)	Expert judgement
EC50: > 100 mg/l The assessment is made under consideration of relevant data on ingredients. The value refers to the water-accommodated fraction (WAF).	static test Daphnia magna (Water flea) (48 h)	Expert judgement
IC50 (Growth rate): > 100 mg/l The assessment is made under consideration of relevant data on ingredients.	algae (72 h)	Expert judgement
NOEC: > 1 mg/l The assessment is made under consideration of relevant data on ingredients.	Daphnia magna (Water flea) (21 d)	Expert judgement

12.2 Persistence and degradability

Assessment:
Silicone content: biologically not degradable. Separation by sedimentation.

Data on substances:
Product of hydrolysis (Methanol):
Methanol is readily biodegradable.

12.3 Bioaccumulative potential

Assessment:
Polymer component: Bioaccumulation is not expected to occur.

12.4 Mobility in soil

Assessment:
Silicone content: Insoluble in water.

12.5 Results of PBT and vPvB assessment
No data available.

12.6 Endocrine disrupting properties
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects
none known.

Section 13 – Disposal Considerations

13.1 Waste treatment methods
Material
Recommendation:
Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.2 Uncleaned packaging
Recommendation:
Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

Section 14 – Transport Information

14.1 UN number
ADG .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.2 Proper shipping name
ADG .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.3 Transport hazard class
ADG .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.4 Packing group
ADG .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.5 Environmental hazards
Environmentally hazardous: no

14.6 Special precautions for user
Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Bulk transport in tankers is not intended.

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.
For information on labelling please refer to section 2 of this document.
Poisons Standard (Standard for the Uniform Scheduling of Medicines and Poisons; SUSMP)
Poisons Schedule number:
Not a Scheduled Poison.
Label elements:

15.2 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan .....: ENCS (Handbook of Existing and New Chemical Substances):
This product is not listed or in compliance with the substance inventory.

New Zealand ..: NZIoC (New Zealand Inventory of Chemicals):
This product is listed in, or complies with, the substance inventory. (For a correct interpretation of the New Zealand status, additional information like GHS classification or Group Standard is required.)

Australia .....: AIIC (Australian Inventory of Industrial Chemicals):
This product is listed in, or complies with, the substance inventory.

Canada ……...: DSL (Domestic Substance List):
This product is not listed or in compliance with the substance inventory.

Philippines .....: PICCS (Philippine Inventory of Chemicals and Chemical Substances):
This product is not listed or in compliance with the substance inventory.

United States of America (USA) : TSCA (Toxic Substance Control Act Chemical Substance Inventory):
All components of this product are listed as active or are in compliance with the substance inventory.

Taiwan .....: TCSI (Taiwan Chemical Substance Inventory):
This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.

European Economic Area (EEA) ....: REACH (Regulation (EC) No 1907/2006):
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

South Korea (Republic of Korea): AREC (Act on Registration and Evaluation of Chemicals; “K-REACH”):
Please approach your regular contact for more detailed information.

Section 16 – Other Information

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

Siegel restricts the use of its products inside the human body or in contact with bodily fluids and mucosa.

Further information:
Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

16.3 Glossary of Terms:

CAS No. - Chemical Abstracts Service Registry Number
UN No. - United Nations Dangerous Goods Number
ADG Code - Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
IMDG Code - International Maritime Dangerous Goods Code
IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations
NOHSC - Australian National Occupational Health and Safety Commission (Note: NOHSC documents are now published by Safe Work Australia)
ES_AU - Occupational exposure standard in Australia

Safety Data Sheet

SiegelBond M40

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (December 2011)

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